TRR Introduction

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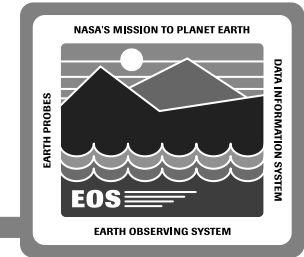
TRR/ETR Introduction
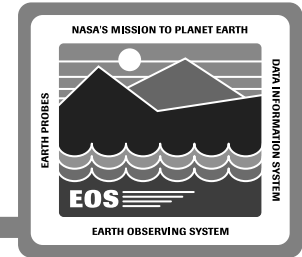
- **Background**
- **Scope, Objectives, and Test Participation**
- **TRR Criteria**

Background

At PDR, ECS was organized around two I&T organizations and reviews.

- Test Readiness Review (TRR) post development and pre-Segment I&T
- Element Test Review (ETR) post Segment I&T and pre-System I&T

In April 1995, ECS reorganized to provide a mission/product focus and reduce handovers between organizations. Results for ECS testing:

- Consolidation of ECS Segment I&T and System I&T Organizations under Release Managers

At ECS CDR in August 1995 introduced a three-phased development and I&T approach to reduce schedule risk.

In December 1995, ECS consolidated the formal TRR & ETR reviews to occur post-development and pre-System level testing.

- Established multiple mini-TRRs during I&T by phase and functional test groupings

Scope, Objectives, and Test Participation
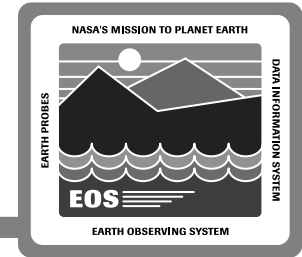
TRR/ETR Scope

- **Status I&T phase I & II testing to date**
- **Review phase III test effort & approach**
- **Issues and concerns from the TRR/ETR or min-TRRs will be tracked by ESDIS and ECS**

TRR/ETR Objectives

- **Ensure ECS is prepared for system level integration (e.g. software development, test execution, and test environment)**
- **Conduct phase III mini-TRRs to determine that Release A requirement allocation and I&T procedures are complete**

Phase III I&T provides first opportunity for DAACs and other organizations to:

- **Participate in system level mini-TRRs**
- **Provide feedback for phase III system level tests**
- **Participate in system demonstrations**

TRR Criteria
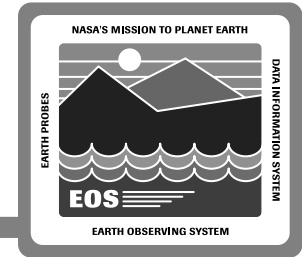
- Release A development is complete or a satisfactory plan for completion is presented.

- All Release A RbRs and Level 4 requirements in RTM are adequately mapped to test cases except for those more appropriately verified during site Acceptance Testing
(e.g. Performance, RMA, Procedural).

- I&T Phase III GSFC test approach & environment are adequate to complete Release A I&T

- An acceptable resolution plan for open issues or concerns from the TRR/ETR.